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► I would like to challenge everyone who is active in a committee to get at least 1 AAAP member actively involved in a committee this year ³

◦ NOVEMBER | ◦ 2012

AAAP Newsletter

THE AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS

promotes scientific knowledge to enhance the health, well-being, and productivity of poultry to provide safe and abundant food for the world.

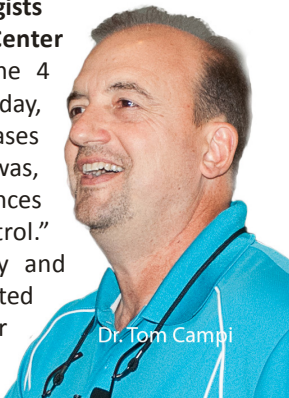
2012 AAAP Meeting Held in San Diego, CA

AAAP at Work for you

by Janece Bevans-Kerr,
Director of Member Services

The American Association of Avian Pathologists met at the San Diego Convention Center August 4th – August 7th this year.

The 4 day event included a symposium on Saturday, August 4th, presented by the Enteric Diseases committee. The title of the symposium was, "Enteric Diseases in Poultry: Recent Advances in Characterization, Diagnosis, and Control." The Scientific Program began on Sunday and concluded on Tuesday, August 7th. It consisted of 121 oral presentations and 82 poster presentations. Approximately 350 people from Argentina, Australia, Brazil, Canada, China, Denmark, France, Germany, Hungary, Jordan, Korea, Mexico, Peru, Scotland, Taiwan, United Kingdom, US and Venezuela attended. Featured speakers included keynote speaker, Tom Campi from Elanco Animal Health, Indianapolis, IN whose address was titled, "Technology and Feeding the World" and Calvin Keeler whose Lasher-Eckroade History Lecture was titled, "The History of DNA Biotechnology in the Poultry Industry."



Dr. Tom Campi

What is AAAP up to these days? What is AAAP doing for you? For your profession? For the advancement of avian medicine?



Since its beginning 55 years ago, AAAP has been, "an organization dedicated to public service through the advancement of knowledge in the field of avian diseases." (History, American Association of Avian Pathologists, The First Ten Years 1957-1967, Barber, Snoeyenbos, Rosenwald and Levine) Within the first ten years of its founding, AAAP created the Avian Diseases journal, prepared Diseases of Poultry, organized the poultry Scientific Program at the AVMA conventions, offered symposia to address current poultry disease issues, reported and wrote position papers on state and federal policies affecting the poultry industry, recognized outstanding achievements through awards and developed a suggested curriculum for post-graduate clinical training for poultry veterinarians.

Reed Rumsey Award winners Kyung-il Kang and Julie Kelly presented their paper and poster titled, "Evidence that a Novel Chicken Astrovirus is Involved in RSS Pathogenesis in Commercial Broilers"

and "Field Treatment and Diagnostic Trials of *Hadjelia truncata* in Pigeons," respectively. This year's Richard B. Rimler Award winner was Vijay Durairaj whose paper was titled, "Development of A Novel In Vivo Assay to Differentiate Antigenic Variations Among Infectious Bursal Disease Viruses."



Dr. Calvin Keeler

Each of these areas (with the exception of curriculum development) has continued and expanded as AAAP has grown and developed. AAAP has become an international organization and the annual Scientific Program has presenters and attendees from all over the world. The Avian Diseases journal is highly respected as one of the leading journals in avian pathology and AAAP now publishes over 50 educational materials. Through the AAAP Foundation the conferring of awards has continued and expanded. The Foundation also awards scholarships to students through the Poultry Scholarship Program and the Kenneth Eskelund Preceptorship Scholarship Program. *Continued on page 4*

Letter from the President



Wow, who would have thought after joining AAAP some 25 years ago as a student member, I would be asked to write a letter in the AAAP Newsletter, "From the President?" One of the best things that happened to me was when Mo Saif and John Barns asked me to chair the Membership Committee-- why,

because it got me involved in AAAP. An established member of AAAP reaching out to new and potential members, encouraging them to become involved in AAAP is the key to our association's growth, success and viability in the industry.

AAAP has several well-established areas for this generational link to occur, the Ken Eskelund Preceptorship Scholarship Program and the AAAP Foundation Poultry Scholars Program. The preceptorship program is a great way to mentor new students interested in poultry as a career choice or even those students just interested in checking us out. Yes, it is a lot of work to have a student with you, but we have to remember someone took the time for us when we were students and now it is our turn. Add your name to the preceptorship list, say yes when a student contacts you for an externship, share your knowledge of the poultry industry with these students and you will find they can teach you things. (Like how to use your iPhone/Ipad.) It is important to support our students' education both at the university and in the field. Have you made your donation to the AAAP Foundation yet? If not, please consider making a donation. The Foundation supports students through several scholarships and awards. There's the AAAP Foundation Poultry Scholarship, the Kenneth Eskelund Preceptorship Scholarship, the L. Dwight Schwartz Travel Scholarship, the Reed Rumsey Award, the Richard B. Rimler Memorial Paper Award and the Rosenwald Student Poster Award.

The Membership Committee is hard at work reaching out to students and new AAAP members in veterinary schools as well as animal/poultry science programs at our universities. New projects such as Facebook for AAAP members, meet & greets, revitalizing the Vet School Liaisons positions, free business cards for new student members, encouraging members to purchase extra awards banquet tickets to give to student/new members and more, are working to connect established members with new members. The students are our foundation for the future.

So why join AAAP? For starters the educational material AAAP develops and maintains is outstanding. Diseases of

Poultry, and Avian Influenza textbooks, the Avian Diseases journal, Avian Histopathology, A Practical Guide to Managing Risk in Poultry Production, and the Isolation, Identification and Characterization of Avian Pathogens are just a few of these excellent materials. Providing continuing education is a priority along with yearly symposiums on current topics; AAAP produces position papers on timely topics of concern as well as slide sets on important diseases. AAAP is a resource for government and other organizations by providing science based, but practical solutions to multifaceted problems. Finally, AAAP is meeting point for poultry veterinarians, academics, researchers, and government personnel representing 800 members in 50 countries.

So get involved! Find a committee that is involved in your interests. Reach out to a student and share with them our great industry. It is an honor to serve as your AAAP President and I would like to thank Patty Dunn for her service as the preceding president. I hope to continue the tradition of moving forward for the benefit of our industry.



Mark C. Bland
AAAP President

Avian Diseases

The AAAP Board of Directors is pleased to announce that **Dr. Yehia Mohamed (Mo) Saif** has been named the new Editor of *Avian Diseases* effective January 1, 2013.



Dr. Saif is a distinguished member of the American Association of Avian Pathologists (AAAP) and on the *Avian Diseases* Editorial Board. He is author and coauthor of 155 peer reviewed scientific publications, 22 book chapters and 242 abstracts and articles in popular journals. He served as Editor-in-Chief of *Diseases of Poultry* 11th and 12th editions. He is a retiring professor and head of the Food Animal

Health Research Program at The Ohio State University. He holds a DVM from Cairo University, a Ph.D. from The Ohio State University, is a Diplomate of the American College of Veterinary Microbiology, and a Charter Diplomate of the American College of Poultry Veterinarians. Recognized internationally, Dr. Saif is the recipient of numerous awards and has contributed to many scientific organizations.

We thank **Dr. Jagdev Sharma and Sylvia Sharma** for their excellent work over the past nine years building on the success of *Avian Diseases* with numerous innovations and improvements. Along with the *Avian Diseases* Editorial and Advisory Boards, we offer our congratulations and support to Dr. Saif as he continues to make *Avian Diseases* successful.



Letter from the Secretary-Treasurer

Chuck Hofacre

Secretary-Treasurer Report

I want to give a big thanks to everyone who made the annual meeting in San Diego a success. The scientific presentations, the posters and the awards lunch were extremely well done - thank you to everyone. I especially want to thank our outgoing Program Chair Rich Chin for his years of service to AAAP and thank John Smith and Rich for a great job organizing our meeting.

Our committees and committee chairs have begun to become an integral part of our organization throughout the year and not just at the annual meeting. All of the committee chairs met with the Board of Directors to give their reports and communicate directly with the Board. It was very valuable for all the leaders within AAAP to meet in one room. Everyone realizes that the committees are the life blood of AAAP, all of our major decisions, our communications to the public and the direction for AAAP originate or pass through a committee for approval. If you are not active in a committee please do so. AAAP needs your involvement and your input.

I would like to challenge everyone who is active in a committee to get at least 1 AAAP member actively involved in a committee this year. My personal experiences, I have Mo Saif and Birch McMurray to thank for getting me more involved in AAAP.

Some additional highlights from the board meeting are our financial health is continuing to be strong with our net assets increasing by \$58,026. Our membership numbers have remained fairly stable having halted the downward decline over the past few years. We need to continue to encourage all members who are veterinarians to maintain their AVMA membership.

Look for some slight changes to the program next year. The Board of Directors approved a recommendation by the program committee to leave 15-20 minutes at the end of each session for all the speakers in that session to be available for a roundtable question/answer session.

Many of you have asked AAAP to be more involved in regulatory and congressional issues from Washington, D.C. To this end, the Board of Directors meet with Dr. Mark Lutschaunig, Director of AVMA Washington office, to discuss how an IRS 501c(6) organization can become involved in lobbying. AVMA both in Washington and Schaumburg are very supportive of AAAP and poultry veterinary issues and are going to be very helpful in mentoring us as we move in this direction. The new AAAP Legislative Advisory Committee will have their first meeting in Washington, D.C. this coming year.

It is with sadness that Dr. Sharma informed the Board of Directors of his desire to step down from the Editorship of the Avian Diseases Journal. We want to wish Jagdev and Sylvia all the best on the endeavor to develop a line of chickens for rural Africa and thank them both for all their years of service to AAAP.

I also want to congratulate Karen Grogan for being 1 of 10 from the 85,000 members of AVMA selected to be part of the AVMA's prestigious New Leaders Program. Lastly, thank you to Bob and Janece for another great year keeping our business office going, managing the meetings and doing all the behind the scenes things that make AAAP the successful organization it is.

A handwritten signature in black ink that reads "Chuck Hofacre".

Chuck Hofacre,
Secretary-Treasurer, AAAP

Downloadable Reports:

55th AAAP Annual Report (2012)
23rd AAAP Foundation Annual Report (2012)
2012 AAAP Business Meeting Minutes

Continued from page 1

AAAP presents symposia on current topics and also supports regional meetings as well as contributing to other organizations such as CAST, PAACO, USAHA and the Animal Agriculture Alliance. As in the past, AAAP produces white papers and signs on to letters from other groups regarding current issues and legislation.

Recently, AAAP has decided to become even more proactive as an advocate to issues identified as important by AAAP members. There is much controversy about many food safety and poultry production issues and AAAP wants not only to respond to issues when asked, but actively advocate positions to lawmakers and the public. This year the Board of Directors will choose and prioritize issues identified by AAAP committees and regional groups. They will then arrange for white papers to be written and the Legislative Advisory Committee will use those papers when they visit legislators and agency administrators during a visit to Washington D.C.

The Board of Directors also identified a need to educate members about legislative involvement and the necessity to speak out on the issues. For the next three years, small groups of AAAP members will go to the AVMA Government Relations Division in Washington D. C. for training and a visit to the hill. They in turn will train other AAAP members about how to become more involved.

Some AAAP members will receive media training. More and more AAAP is contacted by the media to give its or the poultry industry's perspective on issues in the news. The Board of Directors would like to expand the number of members who are prepared to respond when this happens and will provide training for 5 or 6 members who will be selected from recommendations by the AAAP committees.

AAAP Committees

The number of AAAP committees has grown in the last 50 years. AAAP committees do much of the work to advance the mission of AAAP. The following is a quick update on what's going on in AAAP committees:

Animal Welfare and Management Committee: The AWC is a very active committee and meets twice annually (IPE and AVMA). The AWC principally addresses topics related directly to poultry well-being (housing, handling, euthanasia, transportation, etc.), and management practices and their effect on the well-being of poultry. Primary topics addressed by the AWC this year have included housing for layers, euthanasia for poultry and the production of educational materials for AAAP members and the public on topics regarding poultry management practices. The AWC submitted 3 white papers in 2012 to the AAAP Board of Directors and is awaiting approval/comments. They are: Stunning Methods for Poultry, Layer Housing and Feed Allocation Programs for Breeding Poultry.

Drugs and Therapeutics Committee: The D & T Committee plans to focus on the following this year: 1) Stay up to date and in communications with AVMA & AHI on developments related to the VFD regulations that will impact the front line of poultry practitioners. 2) "Scan" the e-scape for any activity related to antimicrobials that have potential to cause controversial topics for the poultry industry. 3) Liaise with the activities of the AAAP Food Safety committee. 4) Finish and submit for board approval the D & T committee mission statement. 5) Prepare and submit to the board any position papers that the committee, the board or the president deem necessary. Recently the committee wrote two responses to an article published in the *Environmental Science and Technology* journal. The article, "Feather Meal: A Previously Unrecognized Route for Reentry into the Food Supply of Multiple Pharmaceuticals and Personal Care Products (PPCPs)" had many scientifically questionable findings which the committee's responses addressed. The AAAP Board approved responses were published in that same journal in their comments section.

Education Committee: As the mission of the Education Committee is, "to develop, evaluate and provide educational materials for people preparing for careers in poultry health," the committee is continuously renewing the slide study sets, introducing new study sets and making them available electronically to facilitate access by colleagues. Mycoplasma synoviae and Necrotic Enteritis slide study sets were updated in 2012. The following late 2012 and 2013 new and updated slide study sets are scheduled: Clostridial Diseases, Histomoniasis, Breeder Management, Infectious Bursal Disease, Velogenic Newcastle Disease Virus, and Proventriculitis.

Enteric Diseases Committee: The Enteric Disease Committee held this year's AAAP symposium titled, "Enteric Disease in Poultry: Recent Advances in Characterization, Diagnosis, and Control." on August 4th. The committee is discussing expanding the symposium to a two day international event. They feel like they just scratched the surface with the ½ day symposium and it is important to educate the members and interested parties on this topic.

Epidemiology Committee: The Epidemiology Committee is currently working on creating and updating white papers to be published with AAAP Board approval, the most recent being, "Current Trends in the Diagnosis, Prevention, and Control of Infectious Laryngotracheitis (ILT)." The committee is also working with the Diseases of Public Health Significance Committee and the Education Committee on a symposium proposal to the AAAP Board for 2015.

Food Safety Committee: The Food Safety Committee has proposed a 2013 symposium tentatively titled, "Campylobacter in Poultry, a worldwide approach to Diagnosis, and Control." Also discussed at this year's meeting were Generic E. coli in poultry and NARMS on farm sampling. The committee is interested in producing a presentation on "typical production practices."

Continued on page 5

Diseases of Public Health Significance Committee:

The DPHS Committee was formed in 2011. The committee has generated a list of infectious disease agents considered to pose real or perceived risks to public health and is prioritizing it. The committee will then create a white paper addressing some or all of the diseases on the list based on an electronic survey of the membership. The DPHS has also offered to participate in the development of the chapter on Disease of Public Health Significance in the 14th edition of Diseases of Poultry if asked.

History of Avian Medicine Committee: The History committee is involved in a number of projects that chronicle the history of avian medicine and the history of AAAP. This includes inviting historical articles to be written, providing Avian Diseases with photographs and articles of pioneers in the field of avian pathology for Avian Diseases covers, cataloging historical photos, writing biographies of AAAP members that are presented on the website, organizing the annual Lasher-Eckroade History Lecture and organizing AAAP records at the ISU archives.

Membership Committee: The membership committee is striving to increase new membership and ensure value for current members. One of the most important initiatives by this very energetic and active committee is to make it easier for students to learn about and join the AAAP. In addition, they are continuing to support the AAAP Facebook page which has proven to be a popular method for information to reach members.

Program Advisory Committee: Work never really stops for this most active committee of two. John Smith is the current chair of the Program Advisory Committee and Danny Magee is the vice-chair. A call for papers has recently gone out for the 2013 Scientific Program. The Program consists of approximately 120 oral presentations and 100 poster presentations and this committee evaluates, organizes and assigns each presentation. Next year, a 15 to 20 minute question and answer period is planned after each session.

Respiratory Diseases Committee: This large committee meets at least once a year at the Annual Meeting. There is normally a presentation given. This year there were two presentations—"Update on ILTV Research" by Maricarmen Garcia and "Highly Pathogenic Influenza in Mexico," by David Swayne. Regional reports are also given. This year there were reports for MS, CA, MN, SC, NC, GA, DE, AL and AK. The committee is also preparing a proposal for a future symposium.

Toxic, Infectious, Miscellaneous, and Emerging Diseases Committee: Fred Hoerr gave a presentation at this year's TIME Committee meeting. Members discussed a process for preplanning before the committee meets during the Annual Meeting and also discussed working with the Histopathology Case Report group and perhaps merging with them.

Tumor Virus Committee: The AAAP Tumor Virus Committee is preparing two "frequently asked questions" documents dealing with Marek's disease vaccines as well as Differential diagnosis of tumors in Poultry. These documents are in the final review stages and should soon be available for uploading on to the AAAP website. Also, they are submitting a request for organizing a half day AAAP symposium titled, "An update on MD vaccination and Immunosuppression" for either 2014 or 2015.

Histopathology / Case Report Interest Group: Dr. H.L. Shivaprasad likes to say that this group has the most fun of all AAAP committees. Members of the H/CR Interest Group meet once a year during the annual meeting (usually on Friday) and share cases having to do with their subject area that they think will be of interest to the rest of the group.

AAAP Foundation Committees

Awards Committee: The Awards Committee's job is to review nominations for the various AAAP awards and select the winners. Each year this includes reading every word of every issue of the Avian Diseases journal in order to select the winner of the P.P. Levine award.

Kenneth Eskelund Preceptorship Committee: Each year this committee selects the Kenneth Eskelund Preceptorship Scholarship winners.

Poultry Scholarship Committee: This committee selects the AAAP Foundation Poultry Scholarship winners.

Welcome to our AAAP New Members

Lalit M. Belwal
Yugendar R. Bommineni
Tiffany A. Cable
Aida Chaves Hernandez
Nelly G. Cribillero
Elizabeth L. Dale
Bernadette Gillen
Ivan T. Gospodinov
Molly B. Johnson
Brian Jordan
Chad M. Malinak
Scott McKenzie
Duane Murphy
Prashant Nighot
Andres F. Rey
Lisa L. Rodin
Yun-Ting Wang

New Members since
2012 Spring Newsletter

2012 AAAP Award Winners



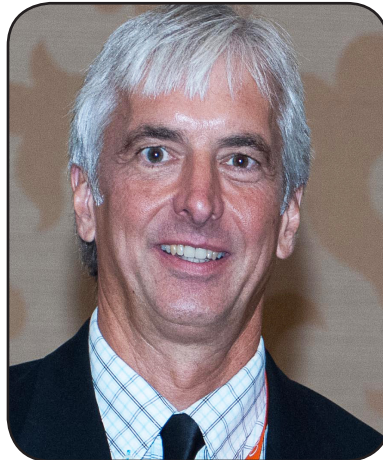
Special Service Award:
A. Gregorio Rosales



Lasher-Bottorff Award:
Richard P. Chin



Phibro Animal Health
Excellence in Poultry Research:
David Lay



P.P. Levine Award:
Daral J. Jackwood



Bruce W. Calnek Applied
Poultry Research Achievement:
Jack Gelb, Jr.



L. Dwight Schwartz Travel
Scholarship:
Thomas Gaydos



Outstanding Field Case and/
or Diagnostic Report Award:
Robert L. Owen



Bayer-Snoeyenbos New Investigator Award:
Patti Miller



Richard B. Rimler Memorial Paper Scholarship:
Vijay Durairaj and Julie Kelly



Reed Rumsey Student Award:
Kyong-il Kang



A.S. Rosenwald Student Poster Award:
Victor A. Palomino and Nasassja Ortega-Hinly

AAAP Foundation

Kenneth Eskelund Preceptorship Poultry Medicine Training Program

2012 Kenneth Eskelund Preceptorship Scholarship Winners

Charlotte Sanford-Crane	Cornell 2013
Elizabeth Dale	UGA 2013
Kathleen Beecher	Saskatchewan 2013
Stephan Gibson	Kansas State 2012
T. J. Gaydos	Ohio State Univ. 2013

2013 Preceptorship Scholarships

The Kenneth Eskelund Preceptorship Poultry Medicine Training Program was established in 1988 by Dr. Eskelund as evidence of his ardent support of the AAAP. The purpose of the preceptorships is to enable interested veterinary students to participate in poultry medicine training programs in order to expand their education, training, and veterinary skills through practical experience in their specialized field. The Foundation annually offers individual awards of up to \$1,300.00 to veterinary students to help them defray housing, living and travel expenses incurred while attending poultry medicine training programs under the auspices of their veterinary medical schools. Eligible students must be in the 3rd or 4th year of study at an AVMA accredited college of veterinary medicine located in the U.S.A., Canada, Mexico, or the Caribbean Islands. The AAAP has solicited the cooperation of its members in establishing a variety of training sites including universities, diagnostic laboratories, poultry production companies and poultry breeding companies.

Application Process

The application and faculty endorsement forms found on the AAAP web site must be completed by December 15, 2012 in order to be considered for the 2012/2013 academic year. Also the applicant's veterinary school transcripts and a letter indicating the applicant's current academic status must be mailed or faxed to the AAAP business office by the December 15 deadline. Applicants selected to receive this preceptorship will be notified by January 31, 2013. Applicants must then negotiate with the contact person from the provided list of preceptors to determine the exact training period. (The student may propose other preceptors known to them, but they must first be approved by the committee before final approval of the preceptorship.) AAAP must be notified by February 15, 2013 of when and where the applicant will do the preceptorship, providing the name of the contact person and the preceptor. Final approval for the preceptorship will be when all above items are completed.

www.aaap.info/aaapreceptorship

AAAP Foundation

Poultry Scholarship

AAAP Foundation Poultry Scholarship Criteria and Application

The American Association of Avian Pathologists Foundation Scholarship Program accepts scholarship applications from students who are pursuing a career in poultry health and well-being and/or food safety in North America. Eligible students should attend a veterinary college accredited by the American Veterinary Medical Association, or an accredited undergraduate university or graduate school. Scholarships will not exceed \$1,000, but may be renewed by reapplying if funding is available and student demonstrates satisfactory performance.

Applications are due November 1st each year.

Help Support the Poultry Scholarship Program

The program depends on the financial support of AAAP members, as well as corporate and private donors. Please consider contributing to the AAAP Foundation Poultry Scholarship Program. Many AAAP members are making substantial contributions to the fund through a 5 year pledge plan:

\$50 for 5 years	\$250
\$100 for 5 years	\$500
\$200 for 5 years	\$1000
\$500 for 5 years	\$2500
\$1000 for 5 years	\$5000

Of course donations given in any amount at any time are welcome! If you would like to make a tax deductible donation, please send your check to the AAAP Business office or you can make your donation online at: www.aaap.info/foundation.

www.aaap.info/aaap-foundation-poultry-scholarships

AAAP Member News

The American Veterinary Epidemiology Society presented to **Dr. Mo Saif** an Honorary Diploma of the Society in recognition of a career that has advanced the control and eradication of zoonotic infections in animals and people. Dr. Saif joined over 200 distinguished scientists in veterinary public health, human health and now One World, One Health, since Dr. Karl F. Meyer and Dr. James H. Steele founded the AVES in 1966. The honor was conferred at the AVMA Honor Convocation on August 2, 2012. Congratulations!

Dr. Frederic J. Hoerr, Auburn University College of Veterinary Medicine Professor Emeritus and former director of the Thompson-Bishop-Sparks State Diagnostic Laboratory, has been named interim dean of the College of Veterinary Medicine.

Remembering



Dr. Hiram Lasher
2/8/1920-10/7/2012



Dr. Alex Burmudez
2/25/1957-10/8/2012

BioOne News

In 2013 BioOne will be home to 176 total publications, 127 (72%) of which are ISI-ranked. Furthermore, 60 (34%) of BioOne's titles have their current content available online exclusively through BioOne, and 38 (22%) are titles based outside of the US. In addition to its two subscribed collections, BioOne is now home to 13 open access publications, freely available to all users. BioOne has continued to be an important revenue stream for AAAP with annual royalties from *Avian Diseases*.

2012 Most Accessed Articles in Avian Diseases in BioOne

Potential Impacts of Antibiotic Use in Poultry Production
Randall S. Singer, Charles L. Hofacre Vol. 55, No. 2, June 2006

Clinical Aspects of Immunosuppression in Poultry
Frederic J. Hoerr Vol. 54, No. 1, March 2010

High Prevalence of Antibiotic Resistance in Pathogenic Escherichia coli from Large- and Small-Scale Poultry Farms in Bangladesh

Badrul Hasan, Rayhan Faruque, Mirva Drobni, Jonas Waldenström, Abdus Sadique, Kabir Uddin Ahmed, Zahirul Islam, M. B. Hossain Parvez, Björn Olsen, Munirul Alam Vol. 55, No. 4, December 2011

Genetic Diversity of Avian Infectious Bronchitis Coronavirus in Recent Years in China

Huijie Ma, Yuhao Shao, Chuyang Sun, Zongxi Han, Xiaoli Liu, Hongbo Guo, Xiaozhen Liu, Xiangang Kong, Shengwang Liu Vol. 56, No. 1, March 2012

The Effect of Swab Sample Choice on the Detection of Avian Influenza in Apparently Healthy Wild Ducks

Hon S. Ip, Robert J. Dusek, Dennis M. Heisey Vol. 56, No. 1, March 2012

CAST News

New EVP to Lead CAST

Effective February 1, 2013, Linda Chimenti will move into the leadership position at CAST as the new Executive Vice President.

PAACO News

PAACO Board of Directors meet in Kansas City on December 10-11, 2012.

PAACO will be working on naming a broiler audit review panel after NCC broiler welfare audit is revised.

2012-2013

**AAAP Foundation
Board of Directors**

www.aaap.info/foundation

Frederic J. Hoerr
President

Robert L. Owen
Past President

Mark C. Bland
AAAP President 2013

Richard (Mick) Fulton
AAAP President-Elect 2013

Hector M. Cervantes
Development Director 2014

Charles L. Hofacre
Secretary-Treasurer

Daniel A. Bautista
Director - Northeast 2013

Francene S. Van Sambeek
Director - South 2014

Eric Gingerich
Director - Central 2015

Victoria A. Bowes
Director - Western 2014

Suzanne Y. Dougherty
Director-at-Large 2013

Deirdre I. Johnson
Director-at-Large 2014

Patricia A. Dunn
AAAP Past President 2013

AAAP Representatives to AVMA

**AVMA Animal
Agriculture Liaison**

Robert D. Evans 2013
Sara T. Steinlage 2015 (Alternate)

**AVMA Animal
Welfare Committee**

Jose A. Linares 2013
Robert M. Williams 2013 (Alternate)

**AVMA Clinical Practitioners
Advisory Committee**

Danny L. Magee 2015
Hector M. Cervantes 2015 (Alternate)

**AVMA Committee for Disaster and
Emergency Issues**

Jo Anna Quinn 2013

**AVMA Convention Management and
Program Committee**

John Smith 2016
Danny Magee (Chair -Elect 2016)

**AVMA Food Safety
Advisory Committee**

Suzanne Y. Dougherty 2015
Charles L. Hofacre 2013 (Alternate)

AVMA House of Delegates

Y. M. Saif 2013
Gregg J. Cutler 2013 (Alternate)

**AVMA Legislative
Advisory Committee**

Gregg J. Cutler 2015
Bruce Stewart-Brown 2013
(Alternate)

**AVMA Steering Committee on
FDA Policy on Veterinary
Oversight of Antimicrobials**

Charles L. Hofacre 2013

AAAP Representatives to Allied Organizations

**Council for Agriculture Science and
Technology (CAST)**

Robert D. Evans 2013

**Professional Animal Auditor
Certification Organization
(PAACO)**

James T. Barton 2013
Darrell Trampel 2015
David R. Hermes 2014

**United States Animal Health
Association (USAHA)**

**Transmissible Diseases of Poultry
and Other Avian Species**

Julie D. Helm, Chair

**Animal Agriculture Coalition
(AAC)**

Gregg J. Cutler

AAAP Foundation Committee Chairs

www.aaap.info/aaapawards

Awards

Calvin L. Keeler 2014

Poultry Scholarship

Frederic J. Hoerr

Kenneth Eskelund Preceptorship

Charles S. Roney

AAAP Constitutional Committee Chairs

www.aaap.info/committees

Auditing

Linnea J. Newman

Nominating

Bruce Stewart-Brown

Resolutions

Frederic J. Hoerr

AAAP Task Force Committee Chairs

Animal Welfare and Management Practices

Michael Martin 2014

Biologics

Joan S. Schrader 2015

Diseases of Public Health Significance

Frank W. Pierson 2013

Drugs and Therapeutics

Barry J. Kelly 2014

Education

Aneg Lucia Cortes 2013

Electronic Information

Timothy J. Johnson 2013

Enteric Diseases

Dan Karunakaran 2014

Epidemiology

Randy Chick 2014

Food Safety

James A. Byrd 2013

History of Avian Medicine

Robert L. Owen 2013

Legislative Advisory

Gregg J. Cutler 2013

Membership

Ian Rubinoff 2013

Program Advisory

John Smith 2016

Respiratory Diseases

Maricarmen Garcia 2012

Research Priorities

Danny Magee 2016

Tumor Virus

Arum R. Pandiri 2014

Toxic, Infectious, Miscellaneous and Emerging Diseases

Hyatt Abbassi 2015

AAAP Interest Group Chairs Histopathology/Case Report Interest Group

H.L. Shivaprasad

2012-2013 AAAP

Board of Directors

www.aaap.info/aaap-board-of-directors

Mark C. Bland

President 2013

Richard (Mick) Fulton

President-Elect 2013

Charles L. Hofacre

Secretary-Treasurer

Daniel A. Bautista

Director - Northeast 2013

Francene S. Van Sambeek

Director - South 2014

Eric Gingerich

Director - Central 2015

Victoria A. Bowes

Director - Western 2016

Deirdre I. Johnson

Director-at-Large 2014

Suzanne Y. Dougherty

Director-at-Large 2013

Patricia A. Dunn

Past President 2013

AAAP Publication Board Chairs

Avian Diseases Advisory Board

Jagdev M. Sharma

Avian Diseases Editorial Board

Jagdev M. Sharma

Avian Diseases Manual

Martine Boulianne

Avian Histopathology Manual Board

Oscar J. Fletcher

Biosecurity Manual Board

Robert L. Owen

Diseases of Poultry Editorial Board

David E. Swayne

Isolation of Avian Pathogens Manual Board

Andre F. Ziegler

Employment Opportunities

www.aaap.info/employment

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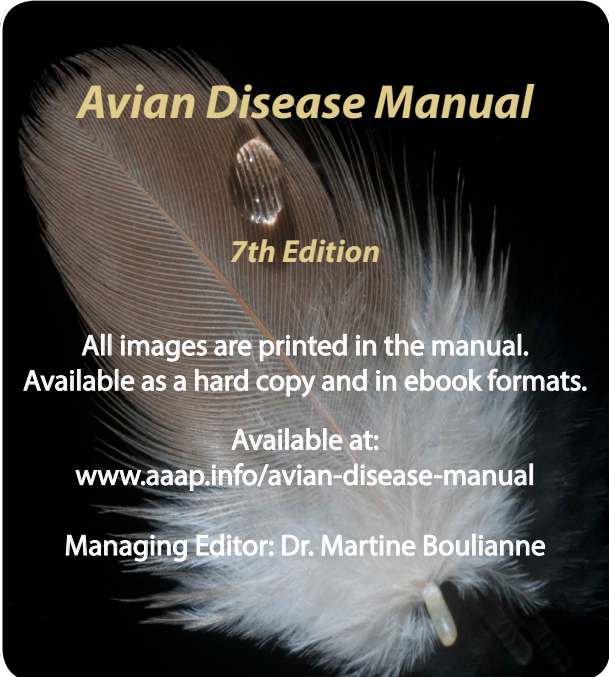
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Managing Editor: Dr. Martine Boulianne

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A HISTORY OF KILLED VIRUS VACCINES IN THE USA

BY KENNETH H. ESKELUND
WITH CREDIT TO WALTER S. STAPLES

Prepared in 2002 and provided by AAAP History Committee

Inactivated or killed virus vaccines go way back in history but were not accepted by the U.S. poultry industry until the early 1980's. Maine Biological Laboratories (MBL) developed and licensed an adjuvanted killed Newcastle Disease (ND) Vaccine in the 1960's. This was field tested in breeders prior to production by a major integrated broiler company with superior results, but was not accepted by the industry because of increased cost and the necessity of individual bird injection.

In 1971, MBL was producing weekly serials of live Newcastle Disease Vaccine – both B1 and LaSota Strains as well as a few serials of killed Newcastle virus (NDV). To test these vaccines for efficacy, SPF chicks were hatched and reared in an isolated brooder house. At 10 to 14 days of age, chicks were removed to other houses and vaccinated. At four weeks post-vaccination they were moved to another house and challenged with the GB Texas strain of Newcastle. We could depend on at least 90% of the vaccinates living with no symptoms and 100% of the non-vaccinates dying or showing symptoms. Suddenly, we started seeing symptoms and high mortality in vaccinated birds after challenge. We also started seeing culls and some mortality in birds left in the isolation house. On necropsy these birds showed only muscular hemorrhages. I sent some of these chicks to the University of Connecticut. Dr. Charlie Helmboldt diagnosed infectious bursal disease (IBD) by histopathology. At the same time, I bought some White Rock chicks. We then conducted duplicate ND efficacy tests with both groups. The commercial chicks passed the test but the SPF chicks failed. We concluded that the commercial chicks had parental immunity which protected them against IBD and the immunodepression. It should be noted that in 1971, it was not generally recognized that IBD caused immunodepression. It was observed that these same SPF chicks vaccinated with killed ND vaccine at 4 weeks of age and challenged at 8 weeks, passed the efficacy tests.

At the 1975 National Meeting on Poultry Health and Condemnations, Walter Staples reported on field observations on broiler flocks from IBD susceptible breeder flocks. He concluded that these flocks became infected with IBD at a very early age which caused immunodepression and later serious disease problems. To further study this problem, Staples set up isolated wire batteries in a brooder house and infected them with IBD. He would then introduce day old chicks from different breeder flocks and record mortality. Parentally immune chicks withstood the challenge. Chicks from IBD susceptible breeder flocks had very high mortality between 4 and 6 weeks of age with lesions of Inclusion Body Hepatitis and Gangrenous Dermatitis. Using this as a challenge system, Eskelund and Staples cooperated in a field trial to test the efficacy of an inactivated IBD vaccine, when use in breeders to provide parental immunity to protect baby

chicks. MBL produced IBD antigen in chick embryo tissue which was inactivated with Betapropiolactone and emulsified in mineral oil. This vaccine was used to inject (0.5ml) one pen of IBD susceptible breeders, just prior to production. The rest of the house was not vaccinated, and remained susceptible. Chicks from a live virus vaccinated breeder flock were also used as a control. At 66 days post vaccination, eggs from each group were hatched and chicks placed in the challenge house. Mortality at 6 weeks of age was as follows:

7.9% in chicks from killed virus vaccinated breeders
21.4% in chicks from live virus vaccinated breeders
41.9% in chicks from non-vaccinated breeders

These results were reported by Staples at the National Meeting on Poultry Health and Condemnations in 1977. The vaccine used in the above trial was very crude. It was a very difficult procedure to extract the virus from the embryo tissue after (emasculation) (grinding) and to produce a stable emulsion. However, MBL obtained the first federal license for Infectious Bursal Disease Vaccine – Killed Virus in June of 1980. At that time, IBD infection in very young chicks and the resulting immunodepression was a very serious problem to the broiler industry. The killed virus IBD vaccine was rapidly tested and soon accepted by several of the major basic broiler breeder companies who later recommended it to their customers. About this time, Dr. Caswell Eidson published a paper and reported on the beneficial use of Newcastle Disease Vaccine – Killed Virus in breeder hens. MBL soon licensed a combination Newcastle Disease-Bursal Disease Vaccine – Killed Virus which soon became very popular. It was not practical to use the killed ND vaccine because the birds had to be injected for IBD control.

During the 1980's the use of inactivated vaccines became commonplace around the world. Most poultry vaccine laboratories obtained licenses. During this period many other killed vaccines were licensed by MBL.

1983	Avian Reovirus Vaccine – Killed Virus
1983	Avian Influenza Vaccine – Killed Virus
1984	Avian Paramyxovirus Vaccine, Type 3– Killed Virus
1985	Bronchitis Vaccine – Killed Virus
1988	Avian Encephalomyelitis Vaccine – Killed Virus
1989	Avian Paramyxovirus Vaccine, Type 1 – Killed Virus (for pigeons)

There are now many double and triple combinations of the different vaccines and different serotypes or variants of the same vaccines on the market. As of 2001, I am told that there are 42 different killed virus vaccine in the MBL line. It is interesting that 18 of these vaccines contain infectious bursal disease virus, the virus that made the use of killed virus vaccines popular in the US poultry industry.

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2013 AAAP/AVMA Annual Meeting

to be held in Chicago, Illinois, USA at the McCormick Place®.
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The AAAP Symposium will be on Saturday, July 20, 2013.
“Campylobacter in Poultry, a worldwide approach to Diagnosis, and Control.”

The AAAP Scientific Program will be from Sunday-Tuesday, July 21-23, 2013 concluding at 5PM.
Posters should be up by noon Saturday, July 20, 2013 and remain up through Tuesday at 5PM.

Abstracts will be accepted from October 3- December 3, 2012

Use the link below to submit your abstract online

2013 AAAP Call for Papers submission form

www.aaap.info/2013-annual-meeting-chicago

Please contact Bob Bevans-Kerr if you have any questions or problems:
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904.425.5735
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Please remember to renew your AAAP Membership
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AAAP Actions Since June 2012

AAAP BOD approves support of joint letter to the Senate on the Egg Bill S.3239 (6/6/2012)

AAAP BOD approves support of letter to Representative Saughter on regarding purchasing policies related to antibiotic use in animals. (6/11/2012)

AAAP BOD approves support of Minor Use Animal Drug Program (MUADP) (6/27/2012)

AAAP BOD approves AAAP AWC position paper on Enriched Housing System for Laying Hens. (6/11/2012)

AAAP BOD appoints Darrell Trampel as AAAP's egg layer representative to serve on PAACO's Board of Directors. (8/8/2012)

AAAP BOD appoints Julie Helm to serve as AAAP Representative on the USAHA Board of Directors. (9/18/2012)

AAAP BOD approves letter from AAAP AWC to AOCE regarding no support for ISO creating a working group to deal with animal welfare. (9/18/2012)

AAAP BOD approves 2013 Symposium Program Schedule for Chicago meeting. "Campylobacter in Poultry, a worldwide approach to Diagnosis, and Control." (10/11/2012)

AAAP BOD approves Mo Saif as the new editor of Avian Diseases effective 1/1/2013. (11/1/2012)

Andre Ziegler is appointed by the AAAP BOD to serve as editor-in-chief for the 6th Edition of *Isolation and Identification of Avian Pathogens*. (11/6/2012)

AAAP BOD approves support of joint letter to House leadership supporting passage of a new 5-year farm bill before the end of 2012. (11/9/2012)

AAAP BOD approves AAAP AWC position paper on Feed Allocation Programs of Broiler Breeder Pullets and on Stunning of Poultry. (11/5/2012)

AAAP BOD approves support of adding oversight to the AVMA Veterinarian-Client-Patient Relationship definition (VCPR) (11/20/2012)

Message from the Executive Director

AAAP Educational Materials

The AAAP Slide Study Sets have continued to be a useful tool to members and non members. AAAP is grateful to the numerous authors who have contributed to this project and whom continue to update the sets under the direction of the AAAP Educational Committee. New titles this year are: Histomoniasis, Mycoplasma Synovia Infection, and Necrotic Enteritis. You can view the list of slide sets here and download previews: www.aaap.info/aaap-slide-study-sets AAAP Members receive a 10% discount on all 27 Slide Study Sets.

AAAP Members who need *Diseases of Poultry* or *Avian Influenza* can order these books directly from Wiley for a 25% discount by using the code: BP815 Both of these books are available in an E-book format. The 13th Edition of *Diseases of Poultry* is expected in the summer of 2013

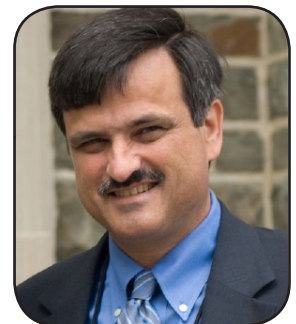
We are grateful to Martine Boulianne and her team of editors who have produce the 7th Edition of the *Avian Disease Manual*. The book is in the final stages of production and will be available in December as a hardcopy and in E-book formats (ePub & Mobi). You can order online at: www.aaap.info/avian-disease-manual

Congratulations to Andre Ziegler who is the new editor-in-chief for the 6th Edition of *Isolation and Identification of Avian Pathogens*. Please join us in supporting Andre as he begins work toward a 2014 production of the new edition.

As always if you need assistance please call or email us and we will be glad to help. 904-425-5735 aaap@aaap.info

Best Regards,
Bob

Bob Bevans-Kerr
AAAP Executive Director



Need help navigating to *Avian Diseases* where you have complete access to all articles from 1957 to current as a AAAP member? The following video tutorial can help: www.aaap.info/support

AAAP/AVMA Future Annual Convention dates and locations



Future Convention Sites

2013	July 20 - 23	Chicago, IL	McCormick Place, West Building
2014	July 26 - 29	Denver, CO	Colorado Convention Center
2015	July 11-14	Boston, MA	
2016	August 5-8	San Antonio, TX	

Other Meetings of Interest

XVIII Congress of the World Veterinary Poultry Association, August 19-23, 2013 Nantes, France.

The American Association of Avian Pathologists promotes scientific knowledge to enhance the health, well-being, and productivity of poultry to provide safe and abundant food for the world.